ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON
PROJECT NAME: Houston Ship Channel DREDGE NAME: BE Lindholm

Date: 10 July 2004 Load #s: 1 - 3 Areas dredge worked: Buoys 41 - 45

Beaufort Sea State: 0 (1) 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 80-88 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 88° °C/(F) Column (mid-depth) _____ °C/F Bottom _____ °C/F

Condition of deflector: Good Condition of screening: Good

Were there incidents involving endangered or protected species? YES ____ NO ✓

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc): _____

First Day New Project

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
1310 - 1406	NA	NA / NA	
1711 - 1816	NA	— / ✓	G 41 - 645
2202 - 2300	NA	— / —	" "
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Observer name [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON

PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: BE LINDHOLM

Date: 11 July 2004 Load #s: 4 - 9 Areas dredge worked: BUOYS 41-46

Beaufort Sea State: 0 1 (2) 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 80 - 86 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 86-87 °C/(F) Column (mid-depth) _____ °C/F Bottom _____ °C/F

Condition of deflector: GOOD Condition of screening: GOOD

Were there incidents involving endangered or protected species? YES ____ NO ✓

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc):

- LOW BYCATCH
- *T. truncatus* PODS Seen FREQUENTLY throughout DAY
- LARGE Schools of MENHADEN Seen PERIODICALLY
- MATERIAL DARK MUD & SAND

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
0214 - 0323	N/A	N/A / N/A	BUOY 41/42 to 45/46
0639 - 0734	N/A	N/A / N/A	↓ ↓
1053 - 1150	NA	NA / NA	BUOYS 41/42 to 45/46
1506 - 1600	NA	NA / NA	" "
1917 - 2003	NA	NA / NA	" "
2307 - 0015	NA	N/A / N/A	
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Observer name Gary Sundin / Allison Duffin

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON

PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: BE LINDHOLM

Date: 12 JULY 2004 Load #s: 10-13 Areas dredge worked: Buoys 41/42 – 45/46

Beaufort Sea State: 0 1 2 (3) 4 5 6 7 8 9 10 11 12

AIR TEMP: 80-91 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 86-87 °C (F) Column (mid-depth) ~~~ °C / F Bottom ~~~ °C / F

Condition of deflector: GOOD Condition of screening: GOOD

Were there incidents involving endangered or protected species? YES ✓ NO ___

Which species? (complete incident form(s)) UNKNOWNS SEA TURTLE – VERY OLD BONE

Comments (type of material, biological specimens, unusual circumstances, etc): ___

- LOAD # 13 – VERY OLD SEA TURTLE RIB BONE RECOVERED ON OVERFLOW SCREENING – SEE REPORT
- LOW BY CATCH
- FEW PODS T. Truncatus SEEN THROUGHOUT DAY
- SCHOOLS MENHADEN SEEN FREQUENTLY

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
0329 - 0424	N/A	N/A / N/A	BUOY 41/42 - 45/46
0741 - 0827	NA	NA / NA	" " "
0828 - 0832	T. truncatus	1 / 4	~ 40m directly off bow
0833 - 0914	N/A	N / A	BUOYS 41/42 - 45/46
1230 - 1335	N A	NA / NA	" "
1657 - 1821	AN OLD BONE	NA / NA	" "
2138 - 2244	N/A	NA / NA	" "

Observer name ALLISON GRIFFIN / [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON

PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: BE LINDHOLM

Date: 13 JULY 2004 Load #s: 16 - 19 Areas dredge worked: BUOYS 41/42 → 45/46

Beaufort Sea State: 0 1 2 (3) 4 5 6 7 8 9 10 11 12

AIR TEMP: 88 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C / F Column (mid-depth) — °C (F) Bottom — °C / F

Condition of deflector: GOOD Condition of screening: GOOD

Were there incidents involving endangered or protected species? YES ___ NO ✓

Which species? (complete incident form(s)) ___

Comments (type of material, biological specimens, unusual circumstances, etc):

- LOW BY CATCH - FEW EELS, CRABS, & SMALL FISH
- few T. truncatus seen throughout DAY

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
0154 - 0253	NA	NA / NA	BUOYS 41/42 → 45/46
0603 - 0701	NA	N/A / N/A	↓ ↓
1041 - 1137	NA	NA / NA	" "
1504 - 1617	NA	NA / NA	" "
1944 - 2132	NA	NA / NA	" "

Observer name ALLISON GRIFFIN

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON
PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: BE LINDHOLM

Date: 14 JULY 2004 Load #s: 20 - 24 Areas dredge worked: Buoys 41/42 - 45/46

Beaufort Sea State: 0 1 2 (3) 4 5 6 7 8 9 10 11 12

AIR TEMP: 83-92 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 87-88 °C/(F) Column (mid-depth) _____ °C/F Bottom _____ °C/F

Condition of deflector: GOOD Condition of screening: GOOD

Were there incidents involving endangered or protected species? YES ____ NO ✓

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc): _____

- LOW BYCATCH - FEW BLUE CRABS, FISH

- T. truncatus seen throughout DAY

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
0042-0220	N/A	N/A / N/A	Buoys 41/42 → 45/46
0544-0643	N/A	N/A / N/A	" "
1145-1304	NA	NA / NA	" "
1627-1711	NA	NA / NA	" "
2025-2115	NA	NA / NA	Buoys 41/42 → 45/46
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Observer name ALLISON GRIFFIN | Gary Sumner

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON

PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: RE LINDHOLM

Date: 15 JULY 2004 Load #s: 25 - 30 Areas dredge worked: BUOYS 41/42 - 45/46

Beaufort Sea State: 0 1 2 (3) 4 5 6 7 8 9 10 11 12

AIR TEMP: 82-90 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C (F) Column (mid-depth) _____ °C / F Bottom _____ °C / F

Condition of deflector: GOOD Condition of screening: GOOD

Were there incidents involving endangered or protected species? YES ____ NO ✓

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc): _____

- LOW BY CATCH
- FEW I. truncatus PODS SEEN

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
0010 - 0138	NA	N/A / N/A	BUOYS 41/42 → 45/46
0446 - 0558	NA	N/A / N/A	" "
0916 - 1114	NA	NA / NA	" "
1423 - 1539	NA	NA / NA	" "
1843 - 1947	NA	NA / NA	" "
2255 - 2356	NA	NA / NA	BUOYS 41/42 → 45/46
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Observer name ALLISON GRIFFIN

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON
PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: BE LINDHOLM

Date: 16 JULY 2004 Load #s: 31 - 35 Areas dredge worked: BUOYS 41/42

Beaufort Sea State: 0 1 2 (3) 4 5 6 7 8 9 10 11 12

AIR TEMP: 82-90 °C(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 88-89 °C(F) Column (mid-depth) _____ °C/F Bottom _____ °C/F

Condition of deflector: GOOD Condition of screening: GOOD

Were there incidents involving endangered or protected species? YES ____ NO ✓

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc):

- LOW BYCATCH; A FEW BLUE CRABS, CATFISH, LARGE BLACK DRUM
- T. truncatus SEEN throughout day
- MENHAYDEN SEEN THROUGHOUT DAY

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
0256-0428	NA	NA / NA	BUOYS 41/42 - 45/46
0752-0954	NA	NA / NA	" "
1362-1500	NA	NA / NA	" "
1801-2015	NA	NA / NA	" "
1128-0151	NA	NA / NA	" "
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Observer name ALLISON GRIFFIN / Allison Griffin

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON
PROJECT NAME: HOUSTON SHIPPING CHANNEL DREDGE NAME: BE LINDHOLM

Date: 17 JULY 2014 Load #s: 36-39 Areas dredge worked: BUOYS 41/42-45/46

Beaufort Sea State: 0 1 2 3 (4) 5 6 7 8 9 10 11 12

AIR TEMP: 82-90 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 86-88 °C/(F) Column (mid-depth) _____ °C/F Bottom _____ °C/F

Condition of deflector: Good Condition of screening: Good

Were there incidents involving endangered or protected species? YES ___ NO ✓

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc):
- LOW BY CAT'D.
- FEW T. TRUNCATUS SEEN

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
0347 - 0527	NA	NA / NA	BUOYS 41/42 - 45/46
0836 - 1021	NA	NA / NA	" "
1328 - 1503	NA	NA / NA	" "
1816 - 2055	NA	NA / NA	" "
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Observer name ALLISON GRIFFIN / Gary Summers

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON

PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: BE LINDHOLM

Date: 14 JULY 2004 Load #s: 40-44 Areas dredge worked: BUOYS 41/42 - 45/46

Beaufort Sea State: 0 1 2 ~~3 4 5~~ 6 7 8 9 10 11 12

AIR TEMP: 80- °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C (F) Column (mid-depth) _____ °C / F Bottom _____ °C / F

Condition of deflector: Good Condition of screening: Good

Were there incidents involving endangered or protected species? YES ___ NO ✓

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc): _____

- LOW BY-CATCH

- FEW I. truncatus SEEN

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
0011-0219	NA	NA / NA	BUOYS 41/42 - 45/46
0316-0454	NA	NA / NA	
1617-1136	NA	NA / NA	" "
1442-1700	NA	NA / NA	" "
2003-2302	NA	NA / NA	BUOYS 41/42 - 45/46
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Observer name ALLISON GRIFFIN / Allison Griffin

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON

PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: DE LINDHOLM

Date: 19 JULY 2004 Load #s: 45-48 Areas dredge worked: BUOYS 41/42 - 45/46

Beaufort Sea State: 0 1 2 (3) 4 5 6 7 8 9 10 11 12

AIR TEMP: 81-88 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 81 °C/(F) Column (mid-depth) _____ °C/°F Bottom _____ °C/°F

Condition of deflector: Good Condition of screening: Good

Were there incidents involving endangered or protected species? YES ____ NO ✓

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc):

- Low By Catch
- Few I. truncatus Pods Seen

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
0159 - 0441	NA	NA / NA	BUOYS 41/42 - 45/46
0757 - 1056	NA	NA / NA	" "
1352 - 1545	NA	NA / NA	" "
1910 - 2128	NA	NA / NA	" "
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Observer name ALLISON GRIFFIN / [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON
PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: BE LINDHOLM

Date: 20 JULY 2004 Load #s: 49-53 Areas dredge worked: BUOYS 41/42 - 45/46

Beaufort Sea State: 0 1 2 (3) 4 5 6 7 8 9 10 11 12

AIR TEMP: 80-89 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 85-88 °C / F Column (mid-depth) _____ °C / F Bottom _____ °C / F

Condition of deflector: GOOD Condition of screening: GOOD

Were there incidents involving endangered or protected species? YES ____ NO ✓

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc): _____

- Low bycatch
- T. truncatus seen throughout day.

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
0034 - 0847	NA	NA / NA	BUOYS 41/42 - 45/46
0058 - 0800	NA	NA / NA	" "
1145 - 1337	NA	NA / NA	" "
1626 - 1935	NA	NA / NA	" "
2241 - 0036	NA	NA / NA	" "
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Observer name ALLISON GRIFFIN / GARY SUNNEN

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON

PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: BE LINDHOLM

Date: 21 JULY 2004 Load #s: 54 Areas dredge worked: BUOY #41/42 - 45/46

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 80-86 °C / F

WATER TEMP: Surface 86-88 °C / (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32)) Column (mid-depth) _____ °C / F Bottom _____ °C / F

Condition of deflector: GOOD Condition of screening: GOOD

Were there incidents involving endangered or protected species? YES ____ NO ✓

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc):

LOAD #55 BEGIN NEW SECTION - BUOYS 45/46 - 49/50 (SECTION 33B)

LOAD #56 - MECHANICAL PROBLEMS WITH HOPPER DOOR FOLLOWING DUMP (~1915 - RETURN TO DOCK FOR REPAIR.

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
0346 - 0657	N/A	N/A / N/A	BUOYS 41/42 - 45/46
1036 ✓ 1306	NA	NA / NA	BEGIN NEW SECTION - 45/46 - 49/50 (Secti
1632 - 1726	NA	NA / NA	45/46 - 49/50 (SECTION 33B)

Observer name ALLISON GRIFFIN / GARY SUNN

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON

PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: BE LINDHOLM

Date: 22 JULY 2014 Load #s: — Areas dredge worked: —

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: — °C / F

(°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface ____ °C / F Column (mid-depth) ____ °C / F Bottom ____ °C / F

Condition of deflector: ____ Condition of screening: ____

Were there incidents involving endangered or protected species? YES ___ NO ___

Which species? (complete incident form(s)) ____

Comments (type of material, biological specimens, unusual circumstances, etc): ____

— NO DREDGING. AT DOCK FOR REPAIR

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
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Observer name CRAIG SENDIN

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON
PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: BE LINDHOLM

Date: 23 JULY 2004 Load #s: _____ Areas dredge worked: _____

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: _____ °C / °F
(°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface _____ °C / °F Column (mid-depth) _____ °C / °F Bottom _____ °C / °F

Condition of deflector: _____ Condition of screening: _____

Were there incidents involving endangered or protected species? YES ___ NO ___

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc): _____

- NO DREDGING. AT DOCK FOR REPAIR

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
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Observer name ALLISON GRIFFIN / Gary Sumrall

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON
PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: BE LINDHOLM

Date: 24 JULY 2004 Load #s: 57 - 59 Areas dredge worked: Section 33B (45/46 - 49/50)

Beaufort Sea State: 0 1 (2) 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 84-90 °C/°F
WATER TEMP: Surface 88 °C/(F) Column (mid-depth) _____ °C/°F Bottom _____ °C/°F
(°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

Condition of deflector: GOOD Condition of screening: Good

Were there incidents involving endangered or protected species? YES ____ NO ✓

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc):
* LEFT DOCKS AT APPX. 0955 to begin DREDGING
- LOW BYCATCH
- FEW T. TRUNCATUS SEEN
- SCHOOLS OF MENHADEN NEAR ARENGE AREA

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
1123 - 1230	NA	NA / NA	Buoys 45/46 - 49/50 (Sect. 33B)
1604 - 1700	NA	NA / NA	" "
2016 - 2115	NA	NA / NA	" "
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Observer name ALLISON GRIFFIN / GARY SUNDIN

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON

PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: BE LINDHOLM

Date: 25 JULY 2004 Load #s: 60 - 65 Areas dredge worked: BUOYS 45/46 - 49/50

Beaufort Sea State: 0 1 (2 3 4) 5 6 7 8 9 10 11 12

AIR TEMP: 83 - 90 °C/(F)

WATER TEMP: Surface 88 - 89 °C/(F) Column (mid-depth) _____ °C/F Bottom _____ °C/F

(°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

Condition of deflector: GOOD Condition of screening: GOOD

Were there incidents involving endangered or protected species? YES ___ NO ✓

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc):

- VERY LOW BYCATCH

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
0033-0122	NA	NA / NA	BUOYS 45/46 - 49/50 (SECT 33B)
0440-0600	NA	NA / NA	" "
0922-1011	NA	NA / NA	" "
1330-1422	NA	NA / NA	" "
1814-1901	NA	NA / NA	" "
2212-2256	NA	NA / NA	" "
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Observer name ALLISON GRIFFIN / CARY SENDIN

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON
PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: BE LINDHOLM

Date: 26 JULY 2004 Load #s: 66 - 68 Areas dredge worked: Buoys 45/46 - 49/50

Beaufort Sea State: 0 1 (2) 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 81-88 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 88 °C/(F) Column (mid-depth) _____ °C/F Bottom _____ °C/F

Condition of deflector: GOOD Condition of screening: GOOD

Were there incidents involving endangered or protected species? YES ___ NO ✓

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc):

* DREDGE GUIDANCE COMPUTER PROBLEMS ANCHORING TO FIX PROBLEM (~0400)
~0930 LEFT ANCHORAGE AREA TO RESUME DREDGING

- LOW BYCATCH

- FEW T. truncatus SEEN THROUGHOUT WATCH

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
1006 - 1137	NA	NA / NA	Buoys 45/46 - 49/50 (Sect. 33B)
1512 - 1621	NA	NA / NA	" "
2035 - 2235	NA	NA / NA	" "

Observer name ALLISON GRIFFIN / Gary Sunnen

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON

PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: B E LINDHOLM

Date: 27 JUL 2004 Load #s: 69- Areas dredge worked: BUOYS 45/46→49/50

Beaufort Sea State: 0 1 2 (3) (4) 5 6 7 8 9 10 11 12

AIR TEMP: 75-85 °C/(F)

(°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 86-87 C/(F) Column (mid-depth) _____ °C/F Bottom _____ °C/F

Condition of deflector: GOOD Condition of screening: GOOD

Were there incidents involving endangered or protected species? YES ____ NO ✓

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc): _____

- CREWBOAT CAPTAIN REPORTED SIGHTING OF TURTLE NEAR CHANNEL
- VERY LOW BYCATCH

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
0152-0235	NA	NA / NA	BUOYS 45/46→49/50
0602-0650	NA	NA / NA	" " "
1014-1100	NA	NA / NA	" "
1421-1514	NA	NA / NA	" "
1832-2020	NA	NA / NA	" "
2356-0158	NA	NA / NA	" "
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Observer name ALLISON GRIFFIN / GARY SUNDIN

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON

PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: BE LINDHOLM

Date: 28 JULY 2004 Load #s: 76-79 Areas dredge worked: BUOYS 45/46 → 49/50

Beaufort Sea State: 0 1 2. (3) 4 5 6 7 8 9 10 11 12

AIR TEMP: 78-88 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 86-87 °C/(F) Column (mid-depth) _____ °C/F Bottom _____ °C/F

Condition of deflector: GOOD Condition of screening: GOOD

Were there incidents involving endangered or protected species? YES ____ NO ✓

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc): _____

- LOW BYCATCH
- T. truncatus seen throughout day

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
0528-0720	NA	NA / NA	BUOYS 45/46 – 49/50 (Sect. 33B)
1046-1138	NA	NA / NA	" "
1507-1609	NA	NA / NA	" "
1825-2018	NA	NA / NA	" "
2330-0022	NA	NA / NA	" "

Observer name GARY SUNDIN

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON
PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: BE LINAITOLM

Date: 29 JULY 2004 Load #s: 80-84 Areas dredge worked: BUOYS 45/46 - 49/50

Beaufort Sea State: 0 1 2 (3) 4 5 6 7 8 9 10 11 12

AIR TEMP: 84-88 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 84 °C/(F) Column (mid-depth) _____ °C/F Bottom _____ °C/F

Condition of deflector: GOOD Condition of screening: GOOD

Were there incidents involving endangered or protected species? YES ____ NO ✓

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc): _____

- LOW BYCATCH
- T. truncatus seen throughout DAY

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
~~0358-0450~~			
0349 - 0503	NA	NA / NA	BUOYS 45/46 → 49/50
0830 - 0926	NA	NA / NA	" "
1258 - 1344	N.A	NA / NA	" "
1709 - 1751	NA	NA / NA	" "
2115 - 2214	NA	NA / NA	" "
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Observer name ALLISON GRIFFIN / Gary Sundin

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON

PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: BE LINDHOLM

Date: 30 JULY 2004 Load #s: 85-89 Areas dredge worked: BUOYS 45/46 → 49/50

Beaufort Sea State: 0 1 2 (3) 4 5 6 7 8 9 10 11 12

AIR TEMP: 80-88 °C/(F)

(°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 86-88 °C/(F) Column (mid-depth) _____ °C/F Bottom _____ °C/F

Condition of deflector: GOOD Condition of screening: GOOD

Were there incidents involving endangered or protected species? YES ___ NO ✓

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc):

- VERY LOW BY CATCH
- T. TRUNCATUS SEEN DURING WATCH

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
0151 - 0248	NA	NA / NA	BUOYS 45/46 → 49/50
0615 - 0713	NA	NA / NA	" "
1047 - 1156	NA	NA / NA	" "
1522 - 1651	NA	NA / NA	" "
2014 - 2145	NA	NA / NA	" "

Observer name ALLISON GRIFFIN / Gary Sundin

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON
PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: BE LINDHOLM

Date: 31 JULY 2004 Load #s: 90-4 Areas dredge worked: BUOYS 45/46 → 49/50

Beaufort Sea State: 0 1 (2) 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 82-95 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 88-89 °C/(F) Column (mid-depth) _____ °C/F Bottom _____ °C/F

Condition of deflector: GOOD Condition of screening: GOOD

Were there incidents involving endangered or protected species? YES ___ NO ✓

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc):

- LCM BYCATCH
- T. TRUNCATUS SEEN THROUGHOUT WATCH

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
0105 - 0215	NA	NA / NA	BUOYS 45/46 → 49/50
0533-0649	NA	NA / NA	" "
1022 - 1221	NA	NA / NA	" "
1554 - 1704	NA	NA / NA	" "
2043 - 2220	NA	NA / NA	" "
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Observer name ALLISON GRIFFIN / CARY SUNRIN

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON
PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: BE LINDHOLM

Date: 1 AUGUST 2004 Load #s: 95-96 Areas dredge worked: BUOYS 45/46 → 49/50

Beaufort Sea State: 0 1 (2) (3) 4 5 6 7 8 9 10 11 12

AIR TEMP: 82- °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 87 °C/(F) Column (mid-depth) _____ °C/F Bottom _____ °C/F

Condition of deflector: (GOOD) Condition of screening: GOOD

Were there incidents involving endangered or protected species? YES ____ NO ✓

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc): _____

- LOAD #96 DAMAGED SEAL PORT # 2 DOOR — TO BE DOCK FOR REPAIR

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
0144 - 0310	NA	NA / NA	BUOYS 45/46 → 49/50
0629 - 0736	N	NA / NA	" "
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Observer name ALLISON GRIFFIN/ GARY SUNNEN

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON
PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: BE LINNHOLM

Date: 2 AUGUST 2004 Load #s: 97-101 Areas dredge worked: BUOYS 45/46 - 49/50

Beaufort Sea State: 0 1 2 (3) 4 5 6 7 8 9 10 11 12

AIR TEMP: 82-90 °C/(F)
WATER TEMP: Surface 88-89 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
Column (mid-depth) _____ °C/F Bottom _____ °C/F

Condition of deflector: GOOD Condition of screening: GOOD

Were there incidents involving endangered or protected species? YES ___ NO ✓

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc): _____

- FEW HARDHEAD CATFISH, STINGRAYS, & MISC. FLATFISH FROM OUTFLOW

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
0100-0233	NA	NA / NA	BUOYS 45/46 - 49/50
0603-0725	NA	NA / NA	" "
1058-1243	NA	NA / NA	" "
1614-1843	NA	NA / NA	" "
2219-0022	NA	NA / NA	" "

Observer name ALLISON GRIFFIN / CORY SUNDIN

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON

PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: BE UNOHOCM

Date: 3 AUGUST 2004 Load #s: 102-105 Areas dredge worked: BUOYS 45/46 - 49/50

Beaufort Sea State: 0 1 (2) (3) 4 5 6 7 8 9 10 11 12

AIR TEMP: 82-90 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88-89 °C/(F) Column (mid-depth) _____ °C/F Bottom _____ °C/F

Condition of deflector: GOOD Condition of screening: GOOD

Were there incidents involving endangered or protected species? YES ___ NO ✓

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc):

- Several STINGRAYS, HARDHEAD CATFISH, & MISC. FLAT FISH

- T. truncatus seen throughout watch

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
0354-0600	NA	NA / NA	BUOYS 45/46 - 49/50
0927-1127	NA	NA / NA	" "
1507-1635	NA	NA / NA	" "
2000-2117	NA	NA / NA	" "
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Observer name ALLISON GRIFFIN / CORY SUNDIN

Date: 4 AUGUST 2004 Load #s: 106-111 Areas dredge worked: BUOYS 45/46-49/50

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 82-92 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 89-90 °C/(F) Column (mid-depth) _____ °C/F Bottom _____ °C/F

Condition of deflector: GOOD Condition of screening: GOOD

Were there incidents involving endangered or protected species? YES ____ NO ✓

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc):

- LOW BY CATCH
- T. TRUNCATUS SEEN FREQUENTLY
- SCHOOLS MENHADEN SEEN AT JETTIES

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
0116-0225	NA	NA / NA	BUOYS 45/46-49/50
0556-0700	NA	NA / NA	" "
1012-1115	NA	NA / NA	" "
1435-1530	NA	NA / NA	" "
1842-2000	NA	NA / NA	" "
2333-0038	NA	NA / NA	" "
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Observer name ALLISON GRIFFIN/ GARY SUNDIN

Date: 5 August 2004 Load #s: 112 - 116 Areas dredge worked: Buoys 45/46 - 49/50

Beaufort Sea State: 0 1 (2) 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 83.52 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 84 °C/(F) Column (mid-depth) _____ °C/F Bottom _____ °C/F

Condition of deflector: GOOD Condition of screening: GOOD

Were there incidents involving endangered or protected species? YES ____ NO ✓

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc): _____

- VERY LOW BYCATCH

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
0408-0508	NA	NA / NA	Buoys 45/46 - 49/50
0822 - 1015	NO	NA / NA	" "
1407-1519	NA	NA / NA	" "
1849-1951	NA	NA / NA	" "
2323-0034	NA	NA / NA	" "
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Observer name ALLISON GRIFFIN / GARY SUMMERS

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON

PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: BE LINDHOLM

Date: 06AUG2004 Load #s: 117 - 121 Areas dredge worked: BUOYS 45/46 - 49/50

Beaufort Sea State: 0 1 2 (3) 4 5 6 7 8 9 10 11 12

AIR TEMP: 80-84 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 86-88 °C/(F) Column (mid-depth) _____ °C / F Bottom _____ °C / F

Condition of deflector: GOOD Condition of screening: GOOD

Were there incidents involving endangered or protected species? YES ____ NO ✓

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc): _____

- VERY LOW BYCATCH

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
0406 - 0539	NA	NA / NA	BUOYS 45/46 → 49/50
0932 - 1106	NA	NA / NA	" "
1433 - 1554	NA	NA / NA	" "
1908 - 2003	NA	NA / NA	" "
2320 - 004		/	" "
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Observer name ALLISON GRIFFIN / GARY SONDEN

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON

PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: BE LINDHOLM

Date: 07AUG2004 Load #s: 122 - 175 Areas dredge worked: BUOYS 45/46 - 49/50

Beaufort Sea State: 0 1 2 (3) 4 5 6 7 8 9 10 11 12

AIR TEMP: 80-84 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 86-88 °C/(F) Column (mid-depth) _____ °C/F Bottom _____ °C/F

Condition of deflector: Good Condition of screening: Good

Were there incidents involving endangered or protected species? YES ____ NO ✓

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc):

- LOW BY CATCH

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
0800-0559	NA	NA / NA	BUOYS 45/46 → 49/50
0933-1001	NA	NA / NA	" " "
1435-1610	NA	NA / NA	" " "
1535-2116	NA	NA / NA	" " "

Observer name ALLISON GRIFFIN/ GARY SONDIN

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON

PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: B.E. LINDHOLM

Date: 8/8/04 Load #s: 127 TO 130 Areas dredge worked: HOUSTON SHIP CHANNEL, BEACONS 45-46, 48-49 Stations 83+00 - 89+00

Beaufort Sea State: 0 1 2 (3) 4 5 6 7 8 9 10 11 12

AIR TEMP: 77-83 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 86-88 °C/(F) Column (mid-depth) _____ °C/F Bottom _____ °C/F

Condition of deflector: GOOD Condition of screening: GOOD

Were there incidents involving endangered or protected species? YES ___ NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc): OVERFLOW SCREEN PRODUCED THREE CATFISH @ LOAD 128.

DREDGED MATERIAL IS SILT, SAND.

THERE WERE NO INCIDENTS WITH PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
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Observer name GEORGE MACKIN, M. PIERCY

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON
PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: B.E. LINDHOLM

Date: 9 AUG 2004 Load #s: 131 TO 134 Areas dredge worked: SECTIONS 83+000 TO 89+000

Beaufort Sea State: (0) 1 2 (3) 4 5 6 7 8 9 10 11 12

AIR TEMP: 80-88 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 80-88 °C/(F) Column (mid-depth) _____ °C/F Bottom _____ °C/F

Condition of deflector: GOOD Condition of screening: GOOD / CLEAR

Were there incidents involving endangered or protected species? YES ____ NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc): _____

THERE WERE NO INCIDENTS WITH PROTECTED SPECIES.

BIOTA RETAINED INCLUDED: CATFISH, POAGIES (MENHADEN), AND WOOD.

DREDGED MATERIAL IS SILT, SAND + SMALL AMT. OF CLAY

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
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Observer name M. PIERCY, G. MACKIN

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON
PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: B.E. LINDHOLM

Date: 10 AUG 2004 Load #s: 135 TO 139 Areas dredge worked: 77+000 to 83+000 (33A)

Beaufort Sea State: (0) 1 2 (3) 4 5 6 7 8 9 10 11 12

AIR TEMP: 80-92 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 86-87 °C/(F) Column (mid-depth) _____ °C/F Bottom _____ °C/F

Condition of deflector: GOOD Condition of screening: GOOD/CLEAR

Were there incidents involving endangered or protected species? YES ____ NO ✓

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc): _____

THERE WERE NO INCIDENTS WITH PROTECTED SPECIES.
BIOTA RETAINED INCLUDED: STINGRAYS, HARDHEAD CATFISH, GULF MENHADEN.
DREDGED MATERIAL IS SILT, CLAY + MUD WITH CLAM SHELL.

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
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Observer name GEORGE MACKIN, M. PIERCY

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON

PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: B.E. LINDHOLM

Date: 11 AUG 2004 Load #s: 140 - 143 Areas dredge worked: 77+000 TO 83+000 (33A)

Beaufort Sea State: 0 1 2 (3) 4 5 6 7 8 9 10 11 12

AIR TEMP: 82-92 °C/(F) ('F = 9/5 ('C) + 32; 'C = 5/9 ('F - 32))

WATER TEMP: Surface _____ °C/(F) Column (mid-depth) _____ °C/F Bottom _____ °C/F

Condition of deflector: GOOD Condition of screening: CLEAR/GOOD

Were there incidents involving endangered or protected species? YES ____ NO ✓

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

THERE WERE NO INCIDENTS WITH PROTECTED SPECIES.
BIOTA RETAINED INCLUDED: GULF MENHADEN, STINGRAY, OYSTERS.
DREDGED MATERIAL IS MUD, CLAY + SHELL.

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
13:50	Tursiops truncatus	1 / 3	buoy #18
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Observer name G. MACKIN, M. PIERCY

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON

PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: B.E. LINDHOLM

Date: 12 AUG 2004 Load #s: 144 - 149 Areas dredge worked: 77+000 TO 83+000

Beaufort Sea State: 0 1 2 (3) (4) 5 6 7 8 9 10 11 12

AIR TEMP: 78-84 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Sur 82-83 °C/(F) °Column (mid-depth) _____ °C/°F Bottom _____ °C/°F

Condition of deflectors: GOOD Condition of screening: GOOD / CLEAR

Were there incidents involving endangered or protected species? YES ____ NO ✓

Which species? (complete incident form(s)): N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

THERE WERE NO INCIDENTS WITH PROTECTED SPECIES

BIOTA RETAINED INCLUDED: STINGRAY, GULF MENHADEN, HOGCROAKER, OYSTERS, WOOD

DREDGED MATERIAL IS CLAY, MUD + SHELL

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
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Observer name: G. MACKIN, M. PIERCY

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON

PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: B.E. LINDHOLM

Date: 13 AUG 2004 Load #s: 150 TO 154 Areas dredge worked: 77+000 TO 83+000

Beaufort Sea State: 0 1 (2) 3 (4) 5 6 7 8 9 10 11 12

AIR TEMP: 76-80 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 83 °C/(°F) Column (mid-depth) _____ °C/°F Bottom _____ °C/°F

Condition of deflectors: GOOD Condition of screening: GOOD / CLEAR

Were there incidents involving endangered or protected species? YES ____ NO ✓

If so, were species? complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc): _____

THERE WERE NO INCIDENCE WITH PROTECTED SPECIES.

BIOTA RETAINED INCLUDED:

DREDGED MATERIAL: CLAY, MUD AND SHELL.

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
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Observer name G. MACKIN, M. PIERCY

ENDANGERED SPECIES OBSERVER PROGRAM
DAILY REPORT

USACE DISTRICT: GALVESTON
PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: B.E. LINDHOLM

Date: 14 AUG 2004 Load #s: 155 - 159 Areas dredge worked: 77+000 TO 83+000

Beaufort Sea State: 0 1 (2) (3) 4 5 6 7 8 9 10 11 12

AIR TEMP: 76-82 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 82-83 °C/(°F) Column (mid-depth) _____ °C/°F Bottom _____ °C/°F

Condition of deflectors: GOOD Condition of screening: GOOD

Were there incidents involving endangered or protected species? YES ____ NO ✓

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

THERE WERE NO INCIDENTS WITH PROTECTED SPECIES.
BIOTA RETAINED INCLUDED: BLUE CRAB, CATFISH, OYSTERS, WOOD, MENHADEN.
DREDGED MATERIAL: MUD, CLAY, SHELL.

BRIDGE WATCH SUMMARY

Time	Species	# Sightings	# Animals	Location/Comments
13:30	Tursiops truncatus	1	3	bow-riding @ buoy #16

Observer name: G. MACKIN, M. PIERCY

ENDANGERED SPECIES OBSERVER PROGRAM

WEEKLY SUMMARY

USACE DISTRICT: GALVESTON

PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: B.E. LINDHOLM

Dates: August 8, 2004 - August 14, 2004 Load #s: 127 - 159

Areas dredge worked: Stations: 83+00 89+00, 77+00 - 83+00

Were there incidents involving endangered or protected species? YES ___ NO X

Which species? N/A

Comments: THERE WERE NO INCIDENTS WITH PROTECTED SPECIES THIS WEEK.

DREDGED MATERIAL IN STATIONS 83+00 - 89+00 CONSISTED MOSTLY OF THICK MUD WITH MINIMAL SAND. MATERIAL IN STATIONS 77+00 - 83+00 CONSISTED OF SILT, SHELL, CLAY.

BIOTA RETAINED IN SCREENING INCLUDED: CATFISH, MENHADEN, SOUTHERN STINGRAYS, HOGCROAKER, OYSTERS, WOOD

BRIDGE WATCH SUMMARY

Date/Time	Species	# Sightings/# Animals	Location/Comments
8/11/04 13:50	Tursiops truncatus	1 / 3	@ buoy #18
8/14/04 13:30	Tursiops truncatus	1 / 3	bow riding @ buoy #16
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Observer name M. PIERCY, G. MACKIN

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON

PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: B.E. LINDHOLM

Date: 15AUG 2004 Load #s: 160 TO 164 Areas dredge worked: 77+000 TO 83+000

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 74-86 °F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: 83 °C Column (mid-depth) _____ °C / °F Bottom _____ °C / °F

Condition of deflectors: GOOD Condition of screening: GOOD

Were there incidences sighting endangered or protected species? YES ___ NO ✓

If true species? complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

THERE WERE NO INCIDENCES WITH PROTECTED SPECIES.

BIOTA RETAINED INCLUDED; STINGRAY, CATFISH, SARGASSUM, WOOD, MACKEREL AND CLAMS.

DREDGED MATERIAL IS SILT, MUD, SILTY CLAY, CLAY AND CLAM SHELL.

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
19:20	TURSIOPS TRUNCATUS	1 / 1	G-1 BUOY @ GALVESTON CHANNEL (SR.T BUOY)

Observer name: G. MACKIN, M. PIERCY

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON

PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: B.E. LINDHOLM

Date: 16AUG2004 Load #s: 165 TO 169 Areas dredge worked: 77+000 TO 83+000

Beaufort Sea State: 0 1 (2) (3) 4 5 6 7 8 9 10 11 12

AIR TEMP: 78-80 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 83 °C/(°F) Column (mid-depth) _____ °C/°F Bottom _____ °C/°F

Condition of deflectors: GOOD Condition of screening: GOOD

Were there incidents involving endangered or protected species? YES ____ NO ✓

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

THERE WERE NO INCIDENCES WITH PROTECTED SPECIES.
BIOTA RETAINED INCLUDED: MENHADEN, OYSTERS AND WOOD.
DREDGED MATERIAL IS MUD, CLAY, SILTY CLAY, SILT AND SHELL.

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
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Observer name: G. MACKIN, M. PIERCY

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON

PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: B.E. LINDHOLM

Date: 17 AUG 2004 Load #s: 170 - 174 Areas dredge worked: 77+000 TO 83+000

Beaufort Sea State: 0 1 (2) 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 78-88 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 83 °C/(F) Column (mid-depth) _____ °C/°F Bottom _____ °C/°F

Condition of deflectors: GOOD Condition of screening: GOOD

Were there incidents involving endangered or protected species? YES ____ NO ✓

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

THERE WERE NO INCIDENCES WITH PROTECTED SPECIES.

BIOTA RETAINED INCLUDED: WOOD + CLAMS.

DREDGED MATERIAL: MUD, CLAY AND SHELL.

BRIDGE WATCH SUMMARY

Time	Species	# Sightings	# Animals	Location/Comments
1935	TURSIOPS TRUNCATUS	1	2	GALVESTON CHANNEL SPLIT BUOY (G.L. BUOY)
1940	TURSIOPS TRUNCATUS	1	1	@ BUOY (BELL) #18

Observer name: G. MACKIN, M. PIERCY

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON
PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: B E LINDHOLM

Date: 18 AUG 2004 Load #s: 175 TO 178 Areas dredge worked: 77+000 to 83+000

Beaufort Sea State: 0 1 (2) 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 78 TO 84 °C / (°F)
WATER TEMP: surface 83 °C / (°F) Column (mid-depth) _____ °C / °F Bottom _____ °C / °F

(°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

Condition of deflector: GOOD Condition of screening: GOOD

Were there incidents involving endangered or protected species? YES ____ NO ✓

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc): THERE WERE NO INCIDENCES WITH PROTECTED SPECIES. BIOTA RETAINED INCLUDED: MENHADEN, CATFISH, SARGASSUM, WOOD + OYSTERS. DREDGED MATERIAL IS MUD + CLAY WITH SOME SHELL. THERE WERE NO MARINE MAMMAL OR TURTLE SIGHTINGS.

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
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Observer name: G. MACKIT, M. PIERCY

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT GALVESTON

PROJECT NAME HOUSTON SHIP CHANNEL DREDGE NAME B.E. LINDHOLM

Date 19AUG2004 Load #s 179 TO 182 Areas dredge worked 77+000 TO 83+000

Beaufort Sea State: 0 1 (2) (3) (4) 5 6 7 8 9 10 11 12

AIR TEMP 88 °C/(F)

WATER TEMP Surface 83 °C/(F) Column (mid-depth) _____ °C/F Bottom _____ °C/F

('F = 9/5 ('C) + 32; 'C = 5/9 ('F - 32))

Condition of deflectors GOOD Condition of screening GOOD

Were there incidences involving endangered or protected species? YES ____ NO ✓

If so, were species? complete incident form(s)) N/A.

Comments (type of material, biological specimens, unusual circumstances, etc):

THERE WERE NO INCIDENCES WITH PROTECTED SPECIES.

BIOTA RETAINED INCLUDED: CATFISH, CROAKER, BLUECRAB & WOOD.

DREDGED MATERIAL IS MUD.

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
2010	TURSIOPS TRUNCATUS	1 / 2	HOUSTON SHIP CHANNEL - BUOY 25A (GREEN)
2015	TURSIOPS TRUNCATUS	1 / 2	GALVESTON CHANNEL - TURN BUOY (GREEN)
10:30	Tursiops truncatus	1 / 3-5	Buoy #45 - Boarding

Observer name G. MACKIN, M. PIERCY

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON

PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: B.E. LINDHOLM

Date: 20 AUG 2004 Load #s: 183 TO 186 Areas dredge worked: 77+000 TO 83+000

Beaufort Sea State: 0 1 (2) (3) (4) (5) 6 7 8 9 10 11 12

AIR TEMP: 81 - °C (°F)

(°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 83 °C (°F) Column (mid-depth) _____ °C / °F Bottom _____ °C / °F

Condition of deflector: GOOD Condition of screening: GOOD

Were there incidents involving endangered or protected species? YES ___ NO ✓

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

THERE WERE NO INCIDENTS WITH PROTECTED SPECIES.

BIOTA RETAINED INCLUDED: CATFISH, COWNOSE RAY, MENHADEN AND WOOD.

DREDGED MATERIAL IS MUD, CLAY, SILTY CLAY AND SILT.

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
1925	TURSIOPS TRUNCATUS	1 / 2	HOUSTON SHIP CHANNEL #12 BUOY (RED)
1930	TURSIOPS TRUNCATUS	1 / 1	GALVESTON CHANNEL P BUOY (CLR-TURN BUOY
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Observer name G. MACKIN, M. PIERCY

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON
PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: B.E. LINDHOLM

Date: 21 AUG 2004 Load #s: 187 - 190 Areas dredge worked: 77+000 To 83+000

Beaufort Sea State: 0 1 2 (3) (4) 5 6 7 8 9 10 11 12

AIR TEMP: 80-84 °C (°F)
WATER TEMP: Surface 83-84 °C (°F) Column (mid-depth) _____ °C / °F Bottom _____ °C / °F

(°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

Condition of deflector: GOOD Condition of screening: GOOD

Were there incidents involving endangered or protected species? YES ___ NO ✓

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

THERE WERE NO INCIDENTS WITH PROTECTED SPECIES.

BIOTA RETAINED INCLUDED: CATFISH, BLUE CRAB, MENHADEN, WOOD.

DREDGED MATERIAL IS MUD, CLAY, SILTY CLAY AND SILT.

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
1940	TURSIOPS TRUNCATUS	1 / 2	HOUSTON SHIP CHANNEL, GREEN BUOY (G-25A)
10:30	Tursiops truncatus	1 / 3	bow riding @ buoys 37/38
11:10	Tursiops truncatus	1 / 2	@ buoy #16

Observer name G MACKIN, M. PIERCY

ENDANGERED SPECIES OBSERVER PROGRAM

WEEKLY SUMMARY

USACE DISTRICT: GALVESTON

PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: B.E. LINDHOLM

Dates: AUGUST 15, 2004 - AUGUST 21, 2004 Load #s: 160 - 190

Areas dredge worked: STATIONS: 77+000 TO 83+000

Were there incidents involving endangered or protected species? YES ___ NO X

Which species? N/A

Comments: There were no incidents with protected species this week. Dredged material consisted of clay, mud, shell, small amt. of sand. Biota consisted of: Southern stingrays, cownose ray, catfish, mackerel, oysters, menhaden, hog creakers, blue crab & wood.

BRIDGE WATCH SUMMARY

Date/Time	Species	# Sightings/# Animals	Location/Comments
8/15 19:20	Tursiops truncatus	1 / 1 / 1	@ Buoy #1 @ Galveston Channel
8/17 14:30	Tursiops truncatus	1 / 1 / 4	@ Buoy # 35
8/17 19:35	Tursiops truncatus	2 / 1 / 3	2 @ Galveston #1 & 1 @ buoy #18
8/19 10:30	Tursiops truncatus	1 / 1 / 3-5	breaching @ buoy #45
8/19 20:10	Tursiops truncatus	1 / 1 / 2	HSC buoy 25A
8/19 20:15	Tursiops truncatus	1 / 1 / 2	Galveston Channel two buoys
8/20 19:05	Tursiops truncatus	1 / 1 / 2	HSC Buoy #1,2
8/20 19:30	Tursiops truncatus	1 / 1 / 1	Galveston Channel two buoys
8/21 10:30	Tursiops truncatus	1 / 1 / 3	breaching @ buoys 37/38
8/21 11:10	Tursiops truncatus	1 / 1 / 2	@ buoy #16
8/21 19:40	Tursiops truncatus	1 / 1 / 2	@ Buoy 25A
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Observer name MEGHAN PERRY, GEORGE MASON

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON
PROJECT NAME: HOUGTON SHIP CHANNEL DREDGE NAME: B.E. LINDHOLM

Date: 22 AUG 2004 Load #s: 191 TO 194 Areas dredge worked: 77+000 TO 83+000 / 63+700 TO 68+000

Beaufort Sea State: 0 1 (2) (3) (4) 5 6 7 8 9 10 11 12

AIR TEMP: 82-88 °C/(F)
WATER TEMP: Surface 83-84 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32)) Column (mid-depth) _____ °C/F Bottom _____ °C/F

Condition of deflector: GOOD Condition of screening: GOOD

Were there incidents involving endangered or protected species? YES ___ NO ✓

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

THERE WERE NO INCIDENTS WITH PROTECTED SPECIES.
BIOTA RETAINED: BLUE CRAB, FLOUNDER, OYSTERS AND WOOD.
DREDGED MATERIAL IS MUD, CLAY, SILT AND SHELL.
Dredge personnel installed a digital thermometer located @ the intake ≈10 feet below sealevel. Read out is @ dredge tender station.

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
1020	TURSIOPS TRUNCATUS	1 / 4	BUOYS 38 + 39
1020	TURSIOPS TRUNCATUS	1 / 3	BUOY 45
1355	TURSIOPS TRUNCATUS	1 / 3	BUOYS 13 + 15
1942	TURSIOPS TRUNCATUS	1 / 3	BUOY 11
1945	TURSIOPS TRUNCATUS	1 / 1	BUOY 1
1950	TURSIOPS TRUNCATUS	1 / 2	BUOY 2
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Observer name G. MACKIN, M. PIERCY

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON

PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: B.E. LINDHOLM

Date: 23 AUG 2004 Load #s: 195 TO 198 Areas dredge worked: 59+000 TO 63+700; 63+700 TO 68+000

Beaufort Sea State: 0 1 (2) 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 80-82 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 83.1-84 °C (F) Column (mid-depth) _____ °C / F Bottom _____ °C / F

Condition of deflector: GOOD Condition of screening: GOOD

Were there incidents involving endangered or protected species? YES ___ NO ✓

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

THERE WERE NO INCIDENTS WITH PROTECTED SPECIES.

BIOTA RETAINED: POAGIE (MENHADEN), WOOD AND OYSTER SHELL.

DREDGED MATERIAL IS MUD, CLAY, SILT AND SHELL.

STARTED NEW SECTION: 59+000 TO 63+700.

AT 1540, B.E LINDHOLM RECEIVED ORDER TO DISCONTINUE/CEASE DREDGING UNTIL FURTHER NOTICE. #198 WAS THE LAST LOAD DREDGED AND DUMPED.

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
1400	TURSIOPS TRUNCATUS	1 / 5-7	BUOYS # 15/16
1510	TURSIOPS TRUNCATUS	1 / 2	BUOY # 41
1615	TURSIOPS TRUNCATUS	1 / 2	BUOY #16
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Observer name G. MACKIN, M. PIERCY

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON
PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: B.E. LINDHOLM

Date: 24 August 2004 Load #s: N/A Areas dredge worked: N/A

Beaufort Sea State: 0 1 2 (3) 4 5 6 7 8 9 10 11 12

AIR TEMP: 81-89 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 83 °C (F) Column (mid-depth) _____ °C / F Bottom _____ °C / F

Condition of deflector: good Condition of screening: good

Were there incidents involving endangered or protected species? YES ____ NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc): _____

Dredge on standby at anchor.

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
18:32	Tursiops truncatus	1 / 3	Buoy #16
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Observer name PIERCY, MACKIN

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON
PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: B.E. LINDHOLM

Date: 25 AUG 2004 Load #s: 199 TO 200 Areas dredge worked: 63+700 TO 68+000 (62+000 63+700)

Beaufort Sea State: 0 1 2 (3) (4) 5 6 7 8 9 10 11 12

AIR TEMP: 84-89 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 84 °C (F) Column (mid-depth) _____ °C / F Bottom _____ °C / F

Condition of deflector: GOOD Condition of screening: GOOD

Were there incidents involving endangered or protected species? YES ___ NO ✓

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

* B.E. LINDHOLM RESUMED DREDGING OPERATIONS @ 1106.

BIOTA RETAINED: BLACK DRUM, WOOD AND OYSTER SHELLS.

DREDGED MATERIAL: MUD, SILTY MUD AND SILT.

THERE WERE NO MARINE MAMMAL/TURTLE SIGHTINGS.

* THERE WERE NO INCIDENTS WITH ENDANGERED OR PROTECTED SPECIES.

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
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Observer name G. MACKIN, M. PIERCY

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON
PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: B.E. LINDHOLM

Date: 8/26/04 Load #s: 201-206 Areas dredge worked: Stations 67+000-68+000

Beaufort Sea State: 0 1 2 (3) (4) 5 6 7 8 9 10 11 12

AIR TEMP: 82-88 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 83-84 °C (F) Column (mid-depth) _____ °C / F Bottom _____ °C / F

Condition of deflector: good Condition of screening: good

Were there incidents involving endangered or protected species? YES ___ NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

There were no incidents with protected species.
Dredged material consists of silt, mud.
Biota retained in screening included; 1 blue crab, oysters, 1 hogchoker, 5 menhaden on spill deck.

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
15:50	Tursiops truncatus	1 / 3	Buoy #55
19:10	T. truncatus	1 / 9	Buoys #11-12
19:15	T. truncatus	1 / 5	Buoys #12-16
19:18	T. truncatus	1 / 2	Buoys #16-18

Observer name Meghan Piercy, George Mackin

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON
PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: B.E. LINDHOLM

Date: 27AUG2004 Load #s: 207 Areas dredge worked: stations 62+000 - 68+000

Beaufort Sea State: 0 1 (2) (3) (4) 5 6 7 8 9 10 11 12

AIR TEMP 83- °C (°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 83 °C (°F) Column (mid-depth) _____ °C / °F Bottom _____ °C / °F

Condition of deflector: good Condition of screening: good

Were there incidents involving endangered or protected species? YES ____ NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc): _____

There were no incidents with protected species.
Dredged material consists of silt, mud.
Biota retained included: shell + wood.
Dredge dropped anchor @ 0410 to take on fuel, then subsequently sailed to Texas City for repairs.
Project temporarily suspended and observers "relieved of duties" by P.M., until dredging is resumed.

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
12:42	Tursiops truncatus	1 / 30±	@ anchorage, fishing
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Observer name Meghan Piercy, George Mackin

ENDANGERED SPECIES OBSERVER PROGRAM

WEEKLY SUMMARY

USACE DISTRICT: Galveston
PROJECT NAME: Houston Ship Channel DREDGE NAME: B.E. Lindholm

Dates: August 22, 2004 - August 27, 2004 Load #s: 191 - 207

Areas dredge worked: Stations: $77+^{00}$ - $83+^{00}$, $63+^{700}$ - $68+^{00}$, $59+^{00}$ - $63+^{70}$, $62+^{00}$ - $63+^{70}$

Were there incidents involving endangered or protected species? YES ____ NO X

Which species? N/A

Comments: There were no incidents with protected species this week.
Dredged material consisted of: silt, mud, clay, shell.
Biota retained in screening included: Blue crab, oyster, flounder, menhaden, black drum, Rogcroaker, and wood.
On August 23 the dredge dropped anchor and resumed dredging on August 25th. Dredge went back to anchorage for fuel on August 27th, then to Texas City for repairs the same day.
Observers relieved of duties on August 27th until dredging is resumed.

BRIDGE WATCH SUMMARY

Date/Time	Species	# Sightings / # Animals	Location/Comments
8/22	Tursiops truncatus	6 / 16	between buoys 11-39
8/23	Tursiops truncatus	3 / 9-11	5-7 @ #15/16, 2 @ #41, 2 @ #16
8/24	Tursiops truncatus	1 / 3	@ buoy #16
8/26	Tursiops truncatus	4 / 19	3 @ #55, 16 between #12-18
8/27	Tursiops truncatus	1 / 30	@ anchorage, fishing
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Observer name Meghan Piercy, George Mackin

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

[illegible] GALVESTON

[illegible] HOUSTON SHIP CHANNEL DREDGE NAME: B.E. LINDHOLM

[illegible] Load #s: 200 Areas dredge worked: SKG 32 a+b

[illegible] Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

[illegible] °C/°F

[illegible] Surface: ____ °C/°F Column (mid-depth) ____ °C/°F Bottom ____ °C/°F

(°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

[illegible] deflector: Good Condition of screening: ____

[illegible] incidents involving endangered or protected species? YES ____ NO ✓

[illegible] species? (complete incident form(s)) ____

Comments (type of material, biological specimens, unusual circumstances, etc): resume wk

BRIDGE WATCH SUMMARY

[illegible]	Species	# Sightings/# Animals	Location/Comments
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Observer name [illegible]

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON

PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: B.E. LINDHOLM

Date: 09/05/09 Load #s: 210-212 Areas dredge worked: Sea

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 82-84 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 85.3-84 °C/°F Column (mid-depth) _____ °C/°F Bottom _____ °C/°F

Condition of deflector: Good Condition of screening: Good

Were there incidents involving endangered or protected species? YES ___ NO X

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc): Nothing noteworthy.

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
0900		Tt / 1	channel

Observer name Duncan Newbery - Darren McKinley

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON
PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: B.E. LINDHOLM

Date: 09/06/04 Load #s: 213 - 216 Areas dredge worked: 32a - 32b

Beaufort Sea State: 0 (1) (2) (3) 4 5 6 7 8 9 10 11 12

AIR TEMP: 82-90 °C (F)
WATER TEMP: Surface 84 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
Column (mid-depth) _____ °C / F Bottom _____ °C / F

Condition of deflector: Good Condition of screening: Good

Were there incidents involving endangered or protected species? YES ___ NO X

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc):
Dredged material was mud and clay
No biota present in screening boxes

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
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Observer name Duncan Newbury, Demion McKn

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON
PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: B.E. LINDHOLM

Date: 9-7-04 Load #s: 217-220 Areas dredge worked: 32a - 38½

Beaufort Sea State: 0 1 (2) (3) 4 5 6 7 8 9 10 11 12

AIR TEMP: 80 °C (F)
WATER TEMP: Surface 84 °C (F) °F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
Column (mid-depth) _____ °C / F Bottom _____ °C / F

Condition of deflector: Good Condition of screening: Good

Were there incidents involving endangered or protected species? YES ___ NO X

Which species? (complete incident form(s))

Other (type of material, biological specimens, unusual circumstances, etc): Stbd arm only
No incidents w/ protected species
Dredged material mud and clay

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
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Observer name Dennis McKinley

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON

PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: B.E. LINDHOLM

Date: 09/08/04 Load #s: 221-224 Areas dredge worked: 32B

Beaufort Sea State: 0 1 (2) 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 78-80 °C (F)

WATER TEMP: Surface 84.1 °C (F) Column (mid-depth) _____ °C / F Bottom _____ °C / F

(°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

Condition of deflector: Good Condition of screening: Good

Were there incidents involving endangered or protected species? YES ___ NO X

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc): NO ESA incidents

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
		/	

Observer name Duncan Newberry

Duncan McKinley

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON

PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: B.E. LINDHOLM

Date: 09/09/04 Load #s: 225-228 Areas dredge worked: 32A+B

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 68-85 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 84.1 °C/°F Column (mid-depth) _____ °C/°F Bottom _____ °C/°F

Condition of deflector: Good Condition of screening: Good

Were there incidents involving endangered or protected species? YES ___ NO X

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc):

Screening was largely clean - mud and clay.

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
1600	t. truncatus	3 / 5	
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Observer name: Duncan Newberry Damian McKinley

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON
PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: B.E. LINDHOLM

Date: 09/10/04 Load #s: 229 - 233 Areas dredge worked: 32A + B

Beaufort Sea State: 0 1 (2) 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 76- °C (F)
WATER TEMP: Surface 84.1 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
Column (mid-depth) _____ °C / F Bottom _____ °C / F

Condition of deflector: Good Condition of screening: _____

Were there incidents involving endangered or protected species? YES ___ NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc): Dragging Stbd corm only. NO ESA incidents

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
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Observer name Duncan Newbery Duncan Mcbarty

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON

PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: B.E. LINDHOLM

Date: 09/11/09 Load #s: 234-237 Areas dredge worked: 32A-B

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 70-80 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 84.1 °C/°F Column (mid-depth) _____ °C/°F Bottom _____ °C/°F

Condition of deflector: Good Condition of screening: Good

Were there incidents involving endangered or protected species? YES ____ NO X

Which species? (complete incident form(s)) ____

Comments (type of material, biological specimens, unusual circumstances, etc): No ESA models

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
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Observer name Duncan Newberry

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON
PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: B.E. LINDHOLM

Date: 9-12-04 Load #s: 238-241 Areas dredge worked: 32 A & B

Beaufort Sea State: 0 1 2 (3) 4 5 6 7 8 9 10 11 12

AIR TEMP: 76-86 °C (F)
WATER TEMP: Surface 83.6 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
Column (mid-depth) _____ °C / F Bottom _____ °C / F

Condition of deflector: Good Condition of screening: Good

Were there incidents involving endangered or protected species? YES ___ NO X

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc):

No E.S. interactions.
Substrate is mostly mud and clay.
STBD arm still only one used

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
1530	T. truncatus	1 / 1	

Observer name Damian McKinley

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON

PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: B.E. LINDHOLM

Date: 09/13/04 Load #s: 242 - 245 Areas dredge worked: 32A+B

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 76-88 °C/°F

(°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 83.6 °C/°F Column (mid-depth) _____ °C/°F Bottom _____ °C/°F

Condition of deflector: Good Condition of screening: Good

Were there incidents involving endangered or protected species? YES ___ NO X

Which species? (complete incident form(s)) ___

Comments (type of material, biological specimens, unusual circumstances, etc): NO ESA incidents.

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
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Observer name Duncan Newberry

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON

PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: B.E. LINDHOLM

Date: 09/14/04 Load #s: 246-249 Areas dredge worked: 32a-b

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 76-84 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 83.6 °C/°F Column (mid-depth) _____ °C/°F Bottom _____ °C/°F

Condition of deflector: Good Condition of screening: Good

Were there incidents involving endangered or protected species? YES ___ NO X

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc):

Substrate was mud and clay
Nothing unusual reported.
Stbd arm still only one used.

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
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Observer name: Demian McKinley
Duncan Newberry DOP

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON

PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: B.E. [illegible]

Date: 9/15/04 Load #s: 250 - 253 Areas dredge worked: 32a + b

Sea State: 0 1 (2) 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 84-88 °C (°F) (°F = 9.5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 83-5 °C (°F) Column (mid-depth) _____ °C °F Bottom

Condition of deflector: Good Condition of screening: Good

Incidents involving endangered or protected species? YES ___ NO X

Species (complete incident form(s)): ___

Comments (type of material, biological specimens, unusual circumstances, etc): NO ESA INCIDENT

BRIDGE WATCH SUMMARY

Species	# Sightings	# Animals	Location	Comments

Observer name: Duncan Neaberry

Demian McKinley

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON

PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: B.E. LINDHOLM

Date 9/16/04 Load #s: 254-257 Areas dredge worked: 32 a+b

Beaufort Sea State: 0 (1) (2) 3 4 5 6 7 8 9 10 11 12

AIR TEMP ~~84~~ 88 °C (°F)

WATER TEMP Surface ~~89.3~~ °C (°F) Column (mid-depth) _____ °C °F Bottom _____ °C °F

(°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

Condition of deflector: Good Condition of screening: Good

Were there incidents involving endangered or protected species? YES ___ NO X

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc):

No incidents w/ protected species

Some build up of clay & silt in hopper - mid.

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
0650	TT	1 / 2	Buoy 59

Observer name Demian McKinley

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON
PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: B.E. LINDHOLM

Date 9/17/04 Load #s: 258-261 Areas dredge worked: 32, a+b

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP 82-86 °C (F)
WATER TEMP: Surface 83.7 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
Column (mid-depth) _____ °C / F Bottom _____ °C / F

Condition of deflector: Good Condition of screening: Good

Were there incidents involving endangered or protected species? YES ___ NO X

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc):

- Still digging w/ stbd arm only
- Operation very smooth
- NO ESA incidents

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
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Observer name Deandra McKinley

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

E DISTRICT: GALVESTON

ECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: B.E. LINDHOLM

09/18/04 Load #s: 262-265 Areas dredge worked: 32 a+b

)r: Sea State: 0 (1) 2 3 4 5 6 7 8 9 10 11 12

:MP 80 - °C (F)

R TEMP: Surface 83 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32)) Column (mid-depth) _____ °C / F Bottom _____ °C / F

:ion of deflector: Good Condition of screening: Good

:here incidents involving endangered or protected species? YES ___ NO X

species? (complete incident form(s)) ___

:ents (type of material, biological specimens, unusual circumstances, etc): No ESA incide

BRIDGE WATCH SUMMARY

	Species	# Sightings/# Animals	Location/Comments
~~0700~~ 0900	TT	2 /	Feeding
	TT	1 /	Bow riding
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ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON
PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: B.E. LINDHOLM

Date 9/19/04 Load #s: 266 - 269 Areas dredge worked: 32a+B

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP 84 °C (F)
WATER TEMP: Surface 83.8 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
Column (mid-depth) _____ °C / F Bottom _____ °C / F

Condition of deflector: Closed Condition of screening: _____

Were there incidents involving endangered or protected species? YES ___ NO X

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc): No ESA incidents

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
1210	T. truncatus	1 / 6	Near dump site

Observer name Damian McKinley

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON

PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: B.E. LINDHOLM

Date: 09/20/04 Load #s: 270 - 273 Areas dredge worked: 32 9

Beaufort Sea State: 0 1 (2) 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 78-86 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 83.5 °C/°F Column (mid-depth) _____ °C/°F Bottom _____ °C/°F

Condition of deflector: Good Condition of screening: Good

Were there incidents involving endangered or protected species? YES ___ NO X

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc):

Material dredged was mud, silt, & clay

No E.S. interactions

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
1730	tr truncatus	2 / 3	returning from dump ~ ½ way

Observer name [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON

PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: B.E. LINDHOLM

Date: 09-21-04 Load #s: 274-277 Areas dredge worked: 329

Beaufort Sea State: 0 (1) 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP 78°-82° (C) (F)

WATER TEMP: Surface 83.4 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32)) Column (mid-depth) _____ °C / F Bottom _____ °C / F

Condition of deflector: Good Condition of screening: Good

Were there incidents involving endangered or protected species? YES ___ NO X

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc):

Dredged material included silt, mud, clay
No ESA interactions
Operation going smoothly

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
1550	T. truncatus	1 / 3	riding the boat's wake

Observer name Damian McKinley

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON

PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: B.E. LINDHOLM

Date 09/22/04 Load #s: 278-281 Areas dredge worked: 32a

Beaufort Sea State: 0 1 2 (3) 4 5 6 7 8 9 10 11 12

AIR TEMP: 76- °C (°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 83.4 °C (°F) Column (mid-depth) _____ °C/°F Bottom _____ °C/°F

Condition of deflector: _____ Condition of screening: _____

Were there incidents involving endangered or protected species? YES ____ NO X

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc): _____

Still Dredging, stbd arm only. No ESA Incidents.

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
0950	Tt	1 / 2	By Dump

Observer name Duncan Nakey
Demian McKinley

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON

PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: B.E. LINDHOLM

Date 09/23/04 Load #s: 282 - 285 Areas dredge worked: 329; some CU B

Beaufort Sea State 0 1 (2) 3 4 5 6 7 8 9 10 11 12

AIR TEMP 78- °C (°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 83.5 °C (°F) Column (mid-depth) _____ °C/°F Bottom _____ °C/°F

Condition of deflector Good Condition of screening Good

Were there incidents involving endangered or protected species? YES ___ NO X

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc):

- Still using stbd arm only.
- Almost went to dock to avoid the effects of Hurricane Ivan, but predictions of storm were wrong and continued digging

BRIDGE WATCH SUMMARY

Time	Species	# Sightings	# Animals	Location/Comments
1220	t.t.	2	3	Near dig site

Observer name Dennan McKinley

Dennian McKinley

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON

PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: B.E. LINDHOLM

Date 9/24/04 Load #s: 286-290 Areas dredge worked: 32A

Beaufort Sea State 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP _____ °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 83.4 °C/°F Column (mid-depth) _____ °C/°F Bottom _____ °C/°F

Condition of deflector Good Condition of screening: Good

Were there incidents involving endangered or protected species? YES ___ NO X

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc):

No ESA interactions

Dredged material was Mud Silt Clay

BRIDGE WATCH SUMMARY

Time	Species	# Sightings	# Animals	Location/Comments
1500	T. T.	3	5-6	Buoy 18

Observer name Duncan Macobeas

Demian Mulgrew

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON

PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: B.E. LINDHOLM

Date ~~291~~ - 09/25/94 Load #s: 291-294 Areas dredge worked: 32a

Beaufort Sea State: 0 1 2 (3) 4 5 6 7 8 9 10 11 12

AIR TEMP 76- °C (°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 8.34 °C (°F) Column (mid-depth) _____ °C/°F Bottom _____ °C/°F

Condition of deflector Good Condition of screening: Good

Were there incidents involving endangered or protected species? YES ____ NO ____

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc):

Still Dredgin Stbd Arm only

BRIDGE WATCH SUMMARY

Time	Species	# Sightings	# Animals	Location/Comments
1200	Tt	2	3	ICW crossing
1203	Tt	2	2	" " , feeding
1204	Tt	1	2	" " , Bow riding inboun ship
1206	Tt	1	2	1 mile post " "

Observer name Duncan Newberry

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON

PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: B.E. LINDHOLM

Date: 09/26/04 Load #s: 295-298 Areas dredge worked: 32A+B

Beaufort Sea State: 0 1 (2) (3) 4 5 6 7 8 9 10 11 12

AIR TEMP: 78 °C (F)

WATER TEMP: Surface 83.4 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

Column (mid-depth) _____ °C °F Bottom _____ °C °F

Condition of deflector: Good Condition of screening: Good

Were there incidents involving endangered or protected species? YES ___ NO X

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc): No ESA incidents

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
1930	B.T.	2 / 3-5	outbound to dump

Observer name Jessica McKinley

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON

PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: B.E. LINDHOLM

Date 09/27/94 Load #s: 299-203 Areas dredge worked: 32a+B

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 83 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 83.3 °C (F) Column (mid-depth) _____ °C / F Bottom _____ °C / F

Condition of deflector: Good Condition of screening: Good

Were there incidents involving endangered or protected species? YES ___ NO ✓

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc):

NO ESA incidents

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
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Observer name _____

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON

PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: B.E. LINDHOLM

Date: 09/28/04 Load #s: ~~304~~ 303 -306 Areas dredge worked: 329 + D

Beaufort Sea State: 0 1 (2) 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 80 °C (°F)

WATER TEMP: Surface 83.3 °C (°F) Column (mid-depth) _____ °C °F Bottom _____ °C °F

(°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

Condition of deflector: Good Condition of screening: Good

Were there incidents involving endangered or protected species? YES ___ NO X

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc): No esa incidents

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
		/	

Observer name [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON
PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: B.E. LINDHOLM

Date: 9/29/04 Load #s: 307 - 310 Areas dredge worked: 32 a + b

Beaufort Sea State: 0 1 (2) (3) 4 5 6 7 8 9 10 11 12

AIR TEMP: 78-86 °C (F)
WATER TEMP: Surface 83.3 °C (F) Column (mid-depth) _____ °C °F Bottom _____ °C °F

(°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

Condition of deflector: Good Condition of screening: Good

Were there incidents involving endangered or protected species? YES ___ NO X

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc): _____

No ESA incidents

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
1900	F.t.	1 / 5-8	riding wake

Observer name Demian McKinley

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON

PROJECT NAME: HOUSTON SHIP CHANNEL DREDGE NAME: B.E. LINDHOLM

Date 9/30/04 Load #s: 311-315 Areas dredge worked: 32 a

Beaufort Sea State: 0 1 (2) 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 78 °C (°F)

WATER TEMP Surface ~~83.3~~ °C (°F) Column (mid-depth) _____ °C / °F Bottom _____ °C / °F

(°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

Condition of deflector: C Condition of screening: _____

Were there incidents involving endangered or protected species? YES ___ NO X

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc): _____

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
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Observer name: Duncan McKinlay

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON
PROJECT NAME: HOUSTON SHIPPING CHANNEL DREDGE NAME: B.E. LINDHOLM

Date: 10/1/04 Load #s: 316 - 319 Areas dredge worked: 32A

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 90 °C / °F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 82.6 °C / °F Column (mid-depth) _____ °C / °F Bottom _____ °C / °F

Condition of deflector: Good Condition of screening: Good

Were there incidents involving endangered or protected species? YES ____ NO ✓

Which species? (complete incident form(s))_____

Comments (type of material, biological specimens, unusual circumstances, etc): _____

NO ESA INCIDENTS

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
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Observer name Duncan Newberry
Demian McKinley

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON

PROJECT NAME: HOUSTON SHIPPING CHANNEL DREDGE NAME: B.E. LINDHOLM

Date: 10/2/04 Load #s: 320-323 Areas dredge worked: Section 32a

Beaufort Sea State: 0 1 2 (3) 4 5 6 7 8 9 10 11 12

AIR TEMP: 80 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 82.6 °C/°F Column (mid-depth) _____ °C/°F Bottom _____ °C/°F

Condition of deflector: Good Condition of screening: Good

Were there incidents involving endangered or protected species? YES ____ NO X

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc):

No ESA incidents

Substrate was mud silt & clay

BRIDGE WATCH SUMMARY

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Observer name Duncan Nerling [signature]

Demian McKinley

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON
PROJECT NAME: HOUSTON SHIPPING CHANNEL DREDGE NAME: B.E. LINDHOLM

Date: 10/3/04 Load #s: 324-328 Areas dredge worked: 32a

Beaufort Sea State: 0 1 (2) 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 78- °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 82.6 °C/°F Column (mid-depth) _____ °C/°F Bottom _____ °C/°F

Condition of deflector: Good Condition of screening: Good

Were there incidents involving endangered or protected species? YES ___ NO X

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc): _____

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
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Observer name Duncan Newberry DN
Demian McKinley

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON

PROJECT NAME: HOUSTON SHIPPING CHANNEL DREDGE NAME: B.E. LINDHOLM

Date: 10/4/04 Load #s: 329-331 Areas dredge worked: 32a

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 70-80 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 82.6 °C/°F Column (mid-depth) _____ °C/°F Bottom _____ °C/°F

Condition of deflector: Good Condition of screening: Good

Were there incidents involving endangered or protected species? YES ____ NO X

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc):

No ESA interactions

Dredged Material was Mud, Silt, Clay

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
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Observer name [illegible]

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON

PROJECT NAME: HOUSTON SHIPPING CHANNEL DREDGE NAME: B.E. LINDHOLM

Date: 10/5/04 Load #s: 332-335 Areas dredge worked: 32A

Beaufort Sea State: 0 1 (2) (3) 4 5 6 7 8 9 10 11 12

AIR TEMP: 70-80 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 826 °C/°F Column (mid-depth) _____ °C/°F Bottom _____ °C/°F

Condition of deflector: Good Condition of screening: Good

Were there incidents involving endangered or protected species? YES ____ NO X

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc): Duncan Newberry WKD ~~0400~~ 0000-0900, 2100-2359. D McKinley worked 0900-2100 then off duty, no relief, Duncan working 24HR watch.

NO ESA incidents

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
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Observer name Demian McKinley

Duncan Newberry

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON
PROJECT NAME: HOUSTON SHIPPING CHANNEL DREDGE NAME: B.E. LINDHOLM

Date: 10/16/04 Load #s: 336-338 Areas dredge worked: 32A

Beaufort Sea State: 0 1 (2) 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 68- °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 82.6 °C/°F Column (mid-depth) _____ °C/°F Bottom _____ °C/°F

Condition of deflector: Good Condition of screening: _____

Were there incidents involving endangered or protected species? YES ____ NO ____

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc): D. Newberry working Both watches for 24 HR coverage

NO ESA INCIDENTS

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
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Observer name Duncan Newberry

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON
PROJECT NAME: HOUSTON SHIPPING CHANNEL DREDGE NAME: B.E. LINDHOLM

Date: 10/07/04 Load #s: 339-342 Areas dredge worked: 32a

Beaufort Sea State: 0 1 (2) 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 65- °C/°F
WATER TEMP: Surface 62.6 °C/°F ~~Column (mid-depth) °C/°F Bottom~~ °C/°F
(°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

Condition of deflector: Good Condition of screening: Good

Were there incidents involving endangered or protected species? YES ___ NO X

Which species? (complete incident form(s)) ___

Comments (type of material, biological specimens, unusual circumstances, etc):
1 observer providing 24 hr coverage. (D. Pendarvis)
NO ESA INCIDENTS

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
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Observer name Duncan Newberry

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: GALVESTON
PROJECT NAME: HOUSTON SHIPPING CHANNEL DREDGE NAME: B.E. LINDHOLM

Date: 10/08/04 Load #s: 343,344 Areas dredge worked: 32a

Beaufort Sea State: 0 1 (2) 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 64 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 82.4 °C/°F Column (mid-depth) 82 °C/°F Bottom 82 °C/°F

Condition of deflector: Good Condition of screening: Good

Were there incidents involving endangered or protected species? YES ___ NO X

Which species? (complete incident form(s)) ___

Comments (type of material, biological specimens, unusual circumstances, etc): No ESA Incidents

monitoring could through last load then ended w/ termination of project 12Hr coverage today = 100% of dredging effort

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
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Observer name Duncan Mowbray